

CLAIMS

What is claimed is:

1. An air-pressurized water gun comprising:
a housing having a water tank mounted thereon;
an air pump mounted on the housing and in fluid communication with the tank;
a battery connected to the housing and in electrical communication with the pump;
actuation means for providing power from the battery to the pump such that compressed air is transferred from the pump into the tank; and
an avenue of release between the tank and a nozzle, with a selectively actuatable valve located along the avenue of release to allow the discharge of pressurized fluid from within the tank.
2. The water gun of claim 1, further comprising a manually operable trigger attached to the housing that actuates the selectively actuatable valve.
3. The water gun of claim 2, further comprising a linkage that connects the trigger to the selectively actuatable valve, wherein when the trigger is moved in a first direction, the trigger moves the linkage in a first trigger direction that opens the selectively actuatable valve.
4. The water gun of claim 3, wherein when the trigger is moved in a second direction, the trigger moves the linkage in a second trigger direction that closes the manually actuatable valve.
5. The water gun of claim 1, wherein the actuation means is a switch operated by a trigger attached to the housing.
6. The water gun of claim 1, further comprising a pressure sensor that measures pressure within the tank.

7. The water gun of claim 6, wherein when the pressure within the tank reaches a predetermined level, the air pump is deactivated

8. The water gun of claim 6, further comprising a pressure meter attached to the housing that indicates pressure within the tank.

9. The water gun of claim 8, wherein the pressure meter indicates pressure within the tank using multi-colored light emitting diodes.

10. The water gun of claim 8, wherein the pressure meter indicates pressure within the tank using multiple light emitting diodes wherein an increased number of lighted diodes indicate more pressure in the tank.

11. The water gun of claim 1, further comprising a manually operated master switch having an on state that allows the pump to operate and an off state that prevents the pump from operating.

12. The water gun of claim 1, further comprising a battery holder attached to the housing that holds the batteries, the battery holder being located below, and being wider than, a handle attached to the housing.

13. An air pressurized water gun comprising:
a housing having a tank for containing a fluid mounted thereon; and
a pressure meter that indicates a relative pressure within the tank.

14. The water gun of claim 13, wherein the pressure meter comprises multicolored light emitting diodes, and different combinations of colors indicate the relative pressure within the tank.

15. The water gun of claim 13, wherein the pressure meter comprises a plurality of light emitting diodes wherein the number of light emitting diodes illuminated corresponds to the pressure within the tank.

16. An air pressurized water gun comprising:

a tank attached to a housing, the tank having i) a first outlet in fluid communication with a first passage that is also in fluid communication with a nozzle; and ii) a second outlet in fluid communication with a second passage that is also in communication with a pump;

the pump being activatable by electricity from a battery contained within the housing, and when activated, the pump draws ambient air and pumps said air into the tank through the second passage; and

a valve in the second passage that is selectively openable to release fluid from the tank through the valve and through the nozzle.

17. The water gun of claim 16, wherein the valve is opened when a trigger connected to the valve is moved.

18. The water gun of claim 16, further comprising a pressure sensor that measures pressure within the tank.

19. The water gun of claim 18, further comprising a pressure meter attached to the housing that indicates pressure within the tank.